

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Alabama

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass	Geothermal ^f	Solar ^{f,g}	Wind ^f	Net Electricity Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total			Wood and Waste ^{e,f}					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	7,264	9	(s)	0	0	(s)	0	6,213	--	0	NA	NA	0	--
1965	12,572	6	0	0	0	0	0	7,078	--	0	NA	NA	0	--
1970	16,331	15	26	448	0	474	0	7,607	--	0	NA	NA	0	--
1975	17,301	6	514	0	99	613	2,722	12,188	--	0	NA	NA	0	--
1980	19,593	1	131	0	0	131	23,497	9,385	--	0	NA	NA	0	--
1985	21,545	1	88	0	0	88	14,313	6,862	--	0	0	0	0	--
1990	22,084	5	133	0	0	133	12,052	10,367	--	0	0	0	0	--
1995	28,839	9	181	0	0	181	20,752	9,502	--	0	0	0	0	--
1996	31,303	8	300	0	0	300	29,708	11,082	--	0	0	0	0	--
1997	30,925	12	230	0	0	230	29,573	11,521	--	0	0	0	0	--
1998	31,560	28	473	0	0	473	28,663	10,565	--	0	0	0	0	--
1999	33,548	25	296	0	0	296	30,892	7,760	--	0	0	0	0	--
2000	35,636	42	469	0	0	469	31,369	5,818	--	0	0	0	0	--
2001	33,801	69	541	0	0	541	30,357	8,356	--	0	0	0	0	--
2002	33,545	112	359	0	0	359	31,857	8,825	--	0	0	0	0	--
2003	35,600	86	460	0	0	460	31,677	12,665	--	0	0	0	0	--
2004	35,083	117	240	0	0	240	31,636	10,626	--	0	0	0	0	--
2005	36,997	105	272	0	0	272	31,694	10,145	--	0	0	0	0	--
2006	37,168	146	177	0	0	177	31,911	7,252	--	0	0	0	0	--
2007	37,233	176	148	0	0	148	34,325	4,136	--	0	0	0	0	--
2008	35,845	164	215	0	0	215	38,993	6,136	--	0	0	0	0	--
2009	27,583	227	177	0	0	177	39,716	12,535	--	0	0	0	0	--
2010	30,985	282	215	0	0	215	37,941	8,704	--	0	0	0	0	--
2011	28,151	343	187	0	0	187	39,356	8,884	--	0	0	0	0	--
2012	23,020	401	141	0	0	141	40,841	7,435	--	0	0	0	0	--
2013	24,400	334	109	0	0	109	40,816	12,899	--	0	0	0	0	--
2014	23,901	346	177	0	0	177	41,244	9,467	--	0	0	0	0	--
2015	21,025	397	126	0	0	126	41,951	9,862	--	0	0	0	0	--
2016	17,448	413	63	0	0	63	39,902	6,985	--	0	31	0	0	--
Trillion Btu														
1960	175.3	9.7	(s)	0.0	0.0	(s)	0.0	66.9	0.0	0.0	NA	NA	0.0	251.8
1965	298.0	5.8	0.0	0.0	0.0	0.0	0.0	74.0	0.0	0.0	NA	NA	0.0	377.7
1970	380.7	15.9	0.2	2.7	0.0	2.9	0.0	79.8	0.0	0.0	NA	NA	0.0	479.3
1975	400.7	6.2	3.0	0.0	0.6	3.6	30.0	126.8	0.0	0.0	NA	NA	0.0	567.4
1980	468.5	1.6	0.8	0.0	0.0	0.8	256.3	97.5	0.0	0.0	NA	NA	0.0	824.6
1985	519.5	1.2	0.5	0.0	0.0	0.5	152.0	71.7	0.0	0.0	0.0	0.0	0.0	744.9
1990	536.6	5.7	0.8	0.0	0.0	0.8	127.5	107.8	26.0	0.0	0.0	0.0	0.0	804.4
1995	684.0	9.0	1.1	0.0	0.0	1.1	218.0	98.0	20.6	0.0	0.0	0.0	0.0	1,030.7
1996	739.6	7.8	1.7	0.0	0.0	1.7	312.0	114.6	20.1	0.0	0.0	0.0	0.0	1,195.7
1997	718.7	12.2	1.3	0.0	0.0	1.3	310.3	117.7	18.5	0.0	0.0	0.0	0.0	1,178.7
1998	729.6	28.6	2.8	0.0	0.0	2.8	300.7	107.7	18.2	0.0	0.0	0.0	0.0	1,187.5
1999	744.5	26.0	1.7	0.0	0.0	1.7	322.8	79.3	12.2	0.0	0.0	0.0	0.0	1,186.5
2000	786.2	43.4	2.7	0.0	0.0	2.7	327.1	59.3	3.3	0.0	0.0	0.0	0.0	1,222.0
2001	740.0	71.6	3.1	0.0	0.0	3.1	317.0	86.3	3.5	0.0	0.0	0.0	0.0	1,221.6
2002	753.1	115.2	2.1	0.0	0.0	2.1	332.7	89.8	3.1	0.0	0.0	0.0	0.0	1,296.0
2003	775.8	88.5	2.7	0.0	0.0	2.7	330.1	128.2	3.0	0.0	0.0	0.0	0.0	1,328.4
2004	753.4	120.0	1.4	0.0	0.0	1.4	329.9	106.4	3.2	0.0	0.0	0.0	0.0	1,314.3
2005	799.6	107.6	1.6	0.0	0.0	1.6	330.8	101.4	3.4	0.0	0.0	0.0	0.0	1,344.4
2006	800.6	149.7	1.0	0.0	0.0	1.0	333.0	71.9	3.7	0.0	0.0	0.0	0.0	1,360.0
2007	807.0	181.5	0.9	0.0	0.0	0.9	360.0	40.9	3.7	0.0	0.0	0.0	0.0	1,393.9
2008	762.1	168.9	1.2	0.0	0.0	1.2	407.6	60.5	3.6	0.0	0.0	0.0	0.0	1,403.9
2009	571.4	232.7	1.0	0.0	0.0	1.0	415.4	122.3	4.9	0.0	0.0	0.0	0.0	1,347.7
2010	649.9	287.4	1.2	0.0	0.0	1.2	396.6	84.9	5.2	0.0	0.0	0.0	0.0	1,425.2
2011	586.1	349.4	1.1	0.0	0.0	1.1	411.8	86.3	4.6	0.0	0.0	0.0	0.0	1,439.3
2012	474.1	407.7	0.8	0.0	0.0	0.8	428.0	70.8	3.9	0.0	0.0	0.0	0.0	1,385.2
2013	488.6	339.8	0.6	0.0	0.0	0.6	426.5	123.1	4.1	0.0	0.0	0.0	0.0	1,382.7
2014	488.6	355.1	1.0	0.0	0.0	1.0	431.4	90.0	5.0	0.0	0.0	0.0	0.0	1,371.2
2015	424.8	410.1	0.7	0.0	0.0	0.7	438.7	91.9	4.5	0.0	0.0	0.0	0.0	1,370.8
2016	345.6	425.6	0.4	0.0	0.0	0.4	417.3	64.5	4.8	0.0	0.3	0.0	0.0	1,258.5

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.